

Title (en)
CAGE ROTOR

Title (de)
KÄFIGLÄUFER

Title (fr)
ROTOR A CAGE

Publication
EP 0786855 B1 20050420 (EN)

Application
EP 96923091 A 19960715

Priority
• JP 9601969 W 19960715
• JP 17742995 A 19950713

Abstract (en)
[origin: WO9703490A1] A cage rotor for an induction motor, whose end ring (22) for interconnecting rotor bars (20) is covered with a reinforcement member (24). This reinforcement member (24) includes a tubular portion (26) having substantially the same inner diameter as the diameter of a through hole (14) in the center of a laminate core (16), a ringlike end wall (28) expanding radially outward from one of the ends of this tubular portion (26) in its axial direction, and a ring-like engagement wall (30) expanding radially outward from the other end of the tubular portion (26) in the axial direction, wherein the members (26), (28) and (30) are integrally formed with each other.

IPC 1-7
H02K 17/16

IPC 8 full level
H02K 15/00 (2006.01); **H02K 17/16** (2006.01)

CPC (source: EP US)
B22D 19/0054 (2013.01 - EP US); **H02K 15/0012** (2013.01 - EP US); **H02K 17/165** (2023.05 - US); **H02K 17/168** (2023.05 - EP)

Cited by
DE102010043384A1; WO2005124973A1; CN102893505A; GB2347561A; CN106134045A; NO341566B1; DE102009010601A1; CN101814813A; US7919895B2; EP1915813B1; US7646128B2; WO2007000413A1; WO2005011085A1

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DE

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WO 9703490 A1 19970130; DE 69634625 D1 20050525; DE 69634625 T2 20050922; EP 0786855 A1 19970730; EP 0786855 A4 19981104; EP 0786855 B1 20050420; JP 3718541 B2 20051124; JP H0928064 A 19970128; US 5952764 A 19990914

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JP 9601969 W 19960715; DE 69634625 T 19960715; EP 96923091 A 19960715; JP 17742995 A 19950713; US 79384397 A 19970310